

## Life Sciences: Equipment and Instruments Industry

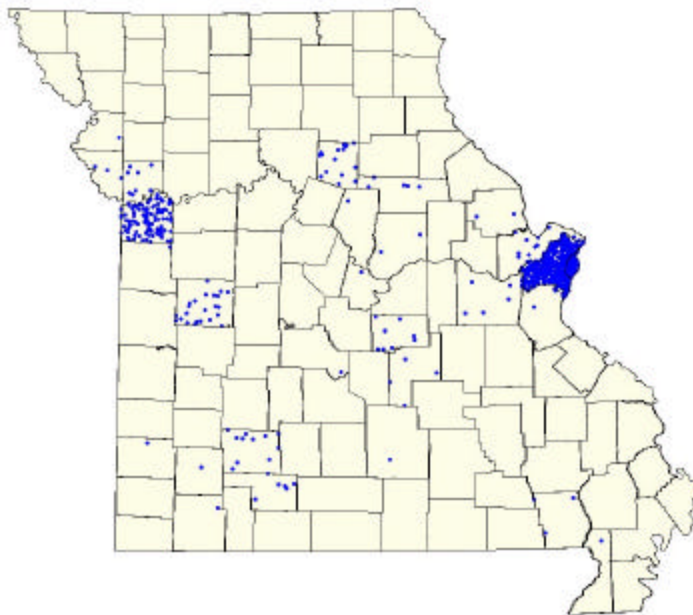
### INDUSTRY DESCRIPTION

The Life Sciences Equipment and Instruments industry includes firms engaged in the manufacture of laboratory equipment and medical instruments. This industry is a compilation of several sectors: laboratory apparatus (SIC 3821); laboratory instruments (SIC 3826); surgical and medical instruments (SIC 3841); orthopedic, prosthetic and surgical appliances (SIC 3842); dental equipment (SIC 3843); X-ray and irradiation apparatus (SIC 3844); electro-medical apparatus (SIC 3845); and ophthalmic goods (SIC 3851).

### LIFE SCIENCES: EQUIPMENT AND INSTRUMENTS INDUSTRY MISSOURI INDICATORS, 1990-2000

	1990	2000	Percent Change
Total Employment	5,166	3,944	-23.7% ↓
Total Wages (Millions, 2000 Dollars)	\$173.8	\$150.1	-13.6% ↓
Annual Wage Per Job (2000 Dollars)	\$33,647	\$38,051	13.1% ↑
Total Firms	107	115	7.2% ↑

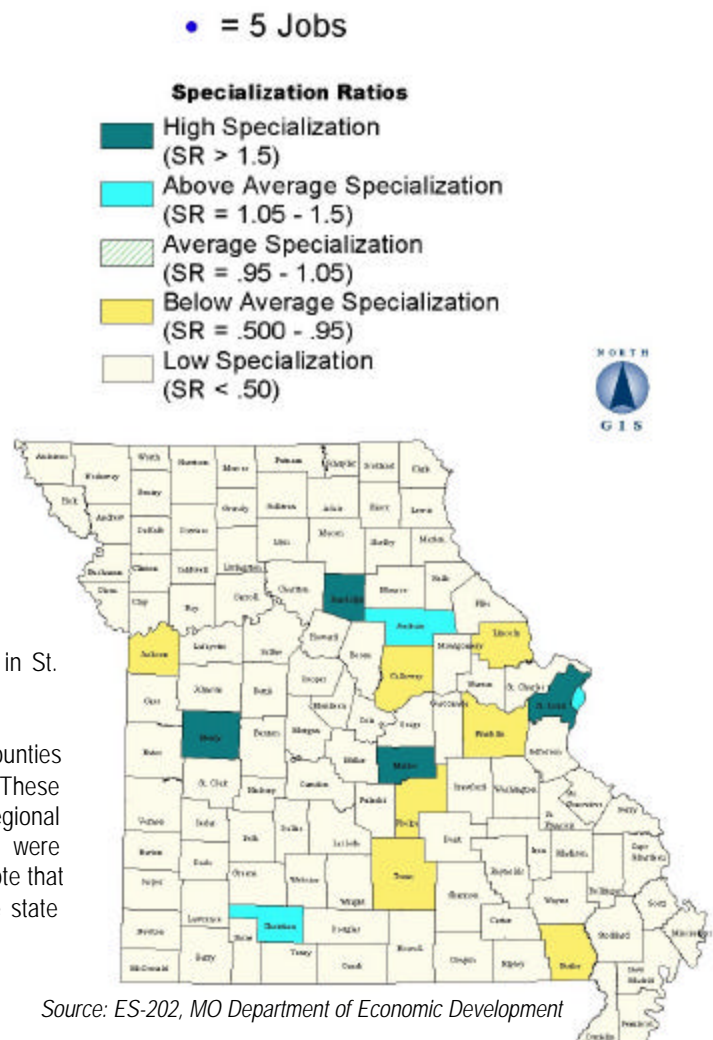
Source: ES-202, MO Department of Economic Development



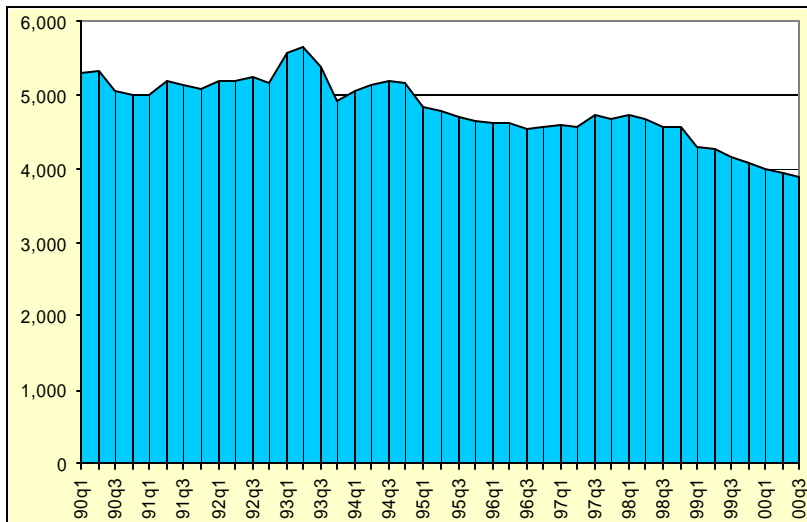
### EMPLOYMENT AND SPECIALIZATION, 2000

In 2000, the majority of equipment & instrument jobs were located in St. Louis, Kansas City, Henry County and Randolph County.

According to specialization ratios (location quotients), 4 Missouri counties were highly specialized in equipment & instrument employment. These areas were concentrated in suburban St. Louis and in several regional towns in rural areas. The most specialized counties in the state were Maries, Henry, Randolph, St. Louis, and Audrain. It is important to note that SRs measure the proportion of industry employment relative to the state average, not the total number of jobs.



Source: ES-202, MO Department of Economic Development

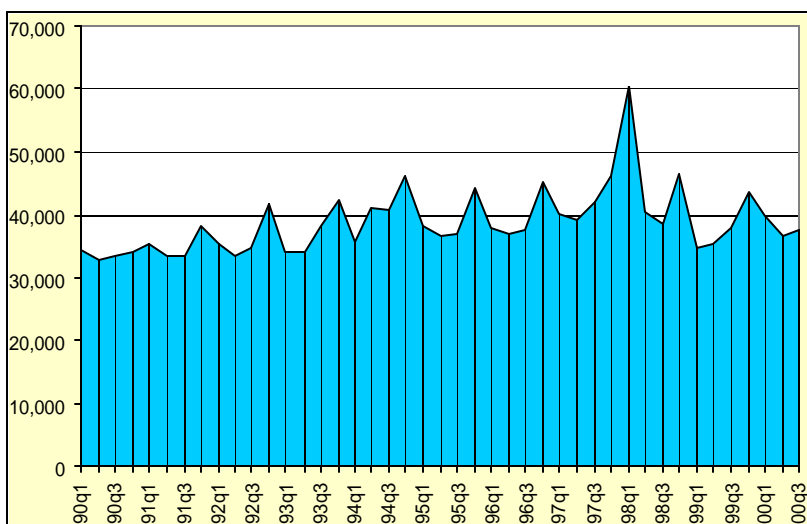


### EMPLOYMENT TRENDS, 1990-2000

Equipment & instrument employment in Missouri has decreased steadily during the last decade. Employment has fallen since its peak in 1993. The most current data estimates 3,890 equipment & instrument jobs during 3<sup>rd</sup> quarter 2000.

Employment was highest during 2<sup>nd</sup> quarter 1993, with 5,656 jobs. Employment was lowest during 3<sup>rd</sup> quarter 2000, with 3,890 jobs.

Source: ES-202, MO Department of Economic Development



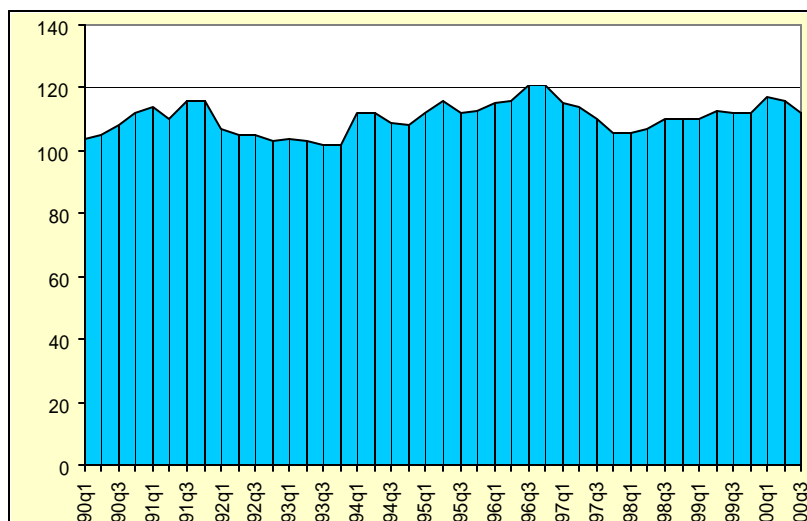
### ANNUAL AVERAGE WAGE PER JOB TRENDS, 1990-2000

Annual average wages per job in the equipment & instrument industry in Missouri has increased since 1990. The most current data estimates an average wage per job of \$37,597 during 3<sup>rd</sup> quarter 2000 - somewhat higher than the state average wage of \$30,497. During the past decade, average wages per job showed peaks in the 4<sup>th</sup> quarter - indicating seasonality.

Average wages per job were highest during 1<sup>st</sup> quarter 1998, at \$60,385 per job. Average wages per job were lowest during 2<sup>nd</sup> quarter 1990, at \$32,880 per job.

Wages adjusted to 2000 real dollars.

Source: ES-202, MO Department of Economic Development



### FIRM TRENDS, 1990-2000

The number of equipment & instrument firms in Missouri has increased since 1990. Establishments have rebounded after a drop in early 1998. The most current data estimates 112 equipment & instrument firms during 3<sup>rd</sup> quarter 2000.

Firms were most numerous during the last half of 1996, at 121 establishments. Firms were least numerous during the last half of 1993, at 102 establishments.

Source: ES-202, MO Department of Economic Development

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